



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

August 18, 2014

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 14-0356, 35th Avenue Site
Superfund Emergency Response and Removal

FROM: Nancy Seabolt
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Greg Harper

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these dat

Analyses Included in this report:

Method Used:

Semi Volatile Organics (SVOA)

Semivolatile organic compounds
Semivolatile organic compounds

CLP BNA (Soil)
CLP BNA (Water)



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Report Narrative for Work Order C142901, Project: 14-0356

Site Name: 35th Avenue Site, Birmingham, AL
CLP Case No. 44501, ELEMENT Sample Nos. C142901-01 through C142901-76
C142903-01 and C142903-02 (PES only)

Organic Analysis: Shealy Environmental Services, West Columbia, SC

The ESAT Work Team reviewed data for one water field rinsate and 75 soil samples analyzed for Semi-Volatile Extractable Organic Compounds including selective ion monitoring (SIM) per CLP Statement of Work SOM01.2 and modified analyses MA2292.1 and MA2293.1. All samples were analyzed for Polyaromatic Hydrocarbons (PAHs) only, by both full scan and SIM. The samples were collected on 07/07/14 and 07/09/14, and were received by the laboratory on 07/11/14 and 07/12/14. The final data package was received on 07/29/14 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB. The analytical results were reported in four sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory also analyzed two performance evaluation samples (PES) for evaluating the laboratory's performance with using the methods.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were “J” flagged with the appropriate Element qualifier (QC-1 and/or QC-2). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

Data quality factors requiring qualification of results are discussed below:

Semivolatile Extractables (Full Scan – PAHs only)

The area counts for the internal standard Perylene-d12 were less than the lower quality control limit in samples C142901-30, 62, and 67. All associated results were qualified “J” (QI-1).

The percent recoveries for Pyrene were less than the lower quality control limit and the calculated precision exceeded the quality control limit in the matrix spike (MS)/matrix spike duplicate (MSD) pairs performed on samples C142901-64 and 67. The Pyrene result was qualified “J” (QM-1, QM-3)



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in sample C142901-67. The Pyrene result was qualified “J” (QM-3, QM-6) in sample C142901-64, because the recoveries were less than 10%.

The calculated precision for Pyrene exceeded the quality control limit in the MS/MSD performed on sample C142901-13. The positive Pyrene result for sample C142901-13 was qualified “J” (QM-3).

The laboratory identified the same peak as both Phenanthrene and Anthracene in the original analysis of sample C142901-62. No qualification was required, because the SIM results were reported for these two analytes in this sample.

Semivolatile Extractables (SIM - PAHs Only)

The area counts for the internal standards were less than the lower quality control limit in samples C142901-18, 21, 27, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 50, 57, 58, 61, 65, 67, 68, 69, 72, and 74. All results associated with low internal standard responses were qualified “J” (QI-1).

The reported results for Fluoranthene and Pyrene exceeded the established upper calibration range in sample C142901-19. Analysis of a less concentrated extract was not submitted by the laboratory; thus, Fluoranthene and Pyrene results in sample C142901-19 were qualified “J” (CLP02).

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner



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SAMPLES INCLUDED IN THIS REPORT

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected
RINSATE #1	C142901-01	87N5	87N5	Rinse Water Blank	7/8/14 12:00
CV0268A-CS12"	C142901-02	87J7	87J7	Subsurface Soil	7/7/14 13:30
CV0268A-CS18"	C142901-03	87J8	87J8	Subsurface Soil	7/7/14 13:45
CV0268A-CS24"	C142901-04	87J9	87J9	Subsurface Soil	7/7/14 14:00
CV0268A-CS6"	C142901-05	87J6	87J6	Surface Soil	7/7/14 13:15
CV0268B-CS12"	C142901-06	87K1	87K1	Subsurface Soil	7/7/14 14:15
CV0268B-CS18"	C142901-07	87K2	87K2	Subsurface Soil	7/7/14 14:25
CV0268B-CS24"	C142901-08	87K3	87K3	Subsurface Soil	7/7/14 14:35
CV0268B-CS6"	C142901-09	87K0	87K0	Surface Soil	7/7/14 14:05
CV0307A-CS12"	C142901-10	87L0	87L0	Subsurface Soil	7/8/14 09:05
CV0307A-CS18"	C142901-11	87L1	87L1	Subsurface Soil	7/8/14 09:15
CV0307A-CS24"	C142901-12	87L2	87L2	Subsurface Soil	7/8/14 09:25
CV0307A-CS6"	C142901-13	87K9	87K9	Surface Soil	7/8/14 08:55
CV0307B-CS12"	C142901-14	87L4	87L4	Subsurface Soil	7/8/14 09:40
CV0307B-CS18"	C142901-15	87L5	87L5	Subsurface Soil	7/8/14 09:50
CV0307B-CS24"	C142901-16	87L6	87L6	Subsurface Soil	7/8/14 10:00
CV0307B-CS6"	C142901-17	87L3	87L3	Surface Soil	7/8/14 09:30
CV0307C-CS12"	C142901-18	87L8	87L8	Subsurface Soil	7/8/14 10:20
CV0307C-CS18"	C142901-19	87L9	87L9	Subsurface Soil	7/8/14 10:30
CV0307C-CS24"	C142901-20	87M0	87M0	Subsurface Soil	7/8/14 10:40
CV0307C-CS6"	C142901-21	87L7	87L7	Surface Soil	7/8/14 10:10
CV0502A-CS12"	C142901-22	87K5	87K5	Subsurface Soil	7/7/14 16:10
CV0502A-CS18"	C142901-23	87K7	87K7	Subsurface Soil	7/7/14 16:20
CV0502A-CS24"	C142901-24	87K8	87K8	Subsurface Soil	7/7/14 16:30
CV0502A-CS6"	C142901-25	87K4	87K4	Surface Soil	7/7/14 16:00
CV0502A-CSD12"	C142901-26	87K6	87K6	Subsurface Soil	7/7/14 16:15
CV0555B-CS12"	C142901-27	87R3	87R3	Subsurface Soil	7/9/14 17:00
CV0555B-CS18"	C142901-28	87R4	87R4	Subsurface Soil	7/9/14 17:10
CV0555B-CS24"	C142901-29	87R5	87R5	Subsurface Soil	7/9/14 17:20
CV0555B-CS6"	C142901-30	87R2	87R2	Surface Soil	7/9/14 16:50
CV0590A-CS12"	C142901-32	87R8	87R8	Subsurface Soil	7/9/14 18:00
CV0590A-CS18"	C142901-33	87R9	87R9	Subsurface Soil	7/9/14 18:10
CV0590A-CS24"	C142901-34	87S0	87S0	Subsurface Soil	7/9/14 18:20
CV0590A-CS6"	C142901-35	87R7	87R7	Surface Soil	7/9/14 17:50



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CV0590A-CSD24"	C142901-36	87S1	87S1	Subsurface Soil	7/9/14 18:25
CV0837A-CS12"	C142901-37	87M2	87M2	Subsurface Soil	7/8/14 13:55
CV0837A-CS18"	C142901-38	87M3	87M3	Subsurface Soil	7/8/14 14:10
CV0837A-CS24"	C142901-39	87M4	87M4	Subsurface Soil	7/8/14 14:20
CV0837A-CS6"	C142901-40	87M1	87M1	Surface Soil	7/8/14 13:45
CV0837A-CSD18"	C142901-41	87M5	87M5	Subsurface Soil	7/8/14 14:15
CV0837B-CS12"	C142901-42	87M7	87M7	Subsurface Soil	7/8/14 14:40
CV0837B-CS18"	C142901-43	87M8	87M8	Subsurface Soil	7/8/14 14:50
CV0837B-CS24"	C142901-44	87M9	87M9	Subsurface Soil	7/8/14 15:00
CV0837B-CS6"	C142901-45	87M6	87M6	Surface Soil	7/8/14 14:30
CV0837B-CSD24"	C142901-46	87N0	87N0	Subsurface Soil	7/8/14 15:05
CV0837D-CS12"	C142901-47	87N2	87N2	Subsurface Soil	7/8/14 16:15
CV0837D-CS18"	C142901-48	87N3	87N3	Subsurface Soil	7/8/14 16:25
CV0837D-CS24"	C142901-49	87N4	87N4	Subsurface Soil	7/8/14 16:35
CV0837D-CS6"	C142901-50	87N1	87N1	Surface Soil	7/8/14 16:05
CV1067A-CS12"	C142901-51	87N7	87N7	Subsurface Soil	7/9/14 09:15
CV1067A-CS18"	C142901-52	87N8	87N8	Subsurface Soil	7/9/14 09:25
CV1067A-CS24"	C142901-53	87N9	87N9	Subsurface Soil	7/9/14 09:35
CV1067A-CS6"	C142901-54	87N6	87N6	Surface Soil	7/9/14 09:05
CV1067A-CSD6"	C142901-55	87P0	87P0	Surface Soil	7/9/14 09:10
CV1067B-CS12"	C142901-56	87P3	87P3	Subsurface Soil	7/9/14 09:55
CV1067B-CS18"	C142901-57	87P4	87P4	Subsurface Soil	7/9/14 10:05
CV1067B-CS24"	C142901-58	87P5	87P5	Subsurface Soil	7/9/14 10:15
CV1067B-CS6"	C142901-59	87P1	87P1	Surface Soil	7/9/14 09:45
CV1067B-CSD6"	C142901-60	87P2	87P2	Surface Soil	7/9/14 09:50
CV1357A-CS12"	C142901-61	87P7	87P7	Subsurface Soil	7/9/14 11:25
CV1357A-CS18"	C142901-62	87P8	87P8	Subsurface Soil	7/9/14 11:35
CV1357A-CS24"	C142901-63	87P9	87P9	Subsurface Soil	7/9/14 11:45
CV1357A-CS6"	C142901-64	87P6	87P6	Surface Soil	7/9/14 11:15
CV1357B-CS12"	C142901-65	87Q1	87Q1	Subsurface Soil	7/9/14 12:00
CV1357B-CS24"	C142901-66	87Q3	87Q3	Subsurface Soil	7/9/14 12:20
CV1357B-CS6"	C142901-67	87Q0	87Q0	Surface Soil	7/9/14 11:50
CV135B-CS18"	C142901-68	87Q2	87Q2	Subsurface Soil	7/9/14 12:10
HP0237A-CS12"	C142901-69	87Q5	87Q5	Subsurface Soil	7/9/14 15:10
HP0237A-CS18"	C142901-70	87Q6	87Q6	Subsurface Soil	7/9/14 15:15
HP0237A-CS24"	C142901-71	87Q7	87Q7	Subsurface Soil	7/9/14 15:20
HP0237A-CS6"	C142901-72	87Q4	87Q4	Surface Soil	7/9/14 15:00
HP0237B-CS12"	C142901-73	87Q9	87Q9	Subsurface Soil	7/9/14 15:40
HP0237B-CS18"	C142901-74	87R0	87R0	Subsurface Soil	7/9/14 15:50
HP0237B-CS24"	C142901-75	87R1	87R1	Subsurface Soil	7/9/14 16:00



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HP0237B-CS6"

C142901-76

87Q8

87Q8

Surface Soil

7/9/14 15:30



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DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CLP01	Concentration reported is less than the lowest standard on calibration curve
CLP02	Concentration reported is greater than the highest standard on calibration curve
J	The identification of the analyte is acceptable; the reported value is an estimate.
QC-1	Analyte concentration low in continuing calibration verification standard
QC-2	Analyte concentration high in continuing calibration verification standard
QI-1	Internal standard was outside of method control limits.
OM-1	Matrix Spike Recovery less than method control limits
QM-3	Matrix Spike Precision outside method control limits
QM-6	Matrix Spike Recovery less than 10%

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: RINSATE #1

Lab ID: C142901-01

MD No: 87N5 CHEM

Station ID:

Matrix: Rinse Water Blank

D No: 87N5 SHEALY

Date Collected: 7/8/14 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
91-57-6	2-Methylnaphthalene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	0.10	U, J, QC-1	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	0.10	U	ug/L	0.10	7/15/14	7/17/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268A-CS12"

Lab ID: C142901-02

MD No: 87J7 CHEM

Station ID: CV0268

Matrix: Subsurface Soil

D No: 87J7 SHEALY

Date Collected: 7/7/14 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.2	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.94	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	10		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	8.1		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	11		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.9	J, QC-1	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.4	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	11		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	12		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.0		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	4.8		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	13		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268A-CS18"

Lab ID: C142901-03

MD No: 87J8 CHEM

Station ID: CV0268

Matrix: Subsurface Soil

D No: 87J8 SHEALY

Date Collected: 7/7/14 13:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.1	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.80	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	7.4		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.0		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	10		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.2	J, QC-1	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	2.6	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	9.0		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	8.9		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.5		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	1.4	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3.6	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	9.4		ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV0268A-CS24"****Lab ID: C142901-04****MD No: 87J9 CHEM****Station ID: CV0268****Matrix: Subsurface Soil****D No: 87J9 SHEALY****Date Collected: 7/7/14 14:00**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.51	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	1.4	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	1.2	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	1.6	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	0.89	J, QC-1, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	0.61	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	1.5	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1.5	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	0.75	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	0.78	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	1.5	J, CLP01	ug/kg dry	3.7	7/15/14	7/17/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268A-CS6"

Lab ID: C142901-05

MD No: 87J6 CHEM

Station ID: CV0268

Matrix: Surface Soil

D No: 87J6 SHEALY

Date Collected: 7/7/14 13:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	16		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.1		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	26	J, QC-2	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	28	J, QC-2	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	270		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	210		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	350		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	180	J, QC-1	ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	140		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	230		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	330		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	5.5		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	160		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	14		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	120		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	260		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268B-CS12"

Lab ID: C142901-06

MD No: 87K1 CHEM

Station ID: CV0268

Matrix: Subsurface Soil

D No: 87K1 SHEALY

Date Collected: 7/7/14 14:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	8.9		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	17		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	39		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	23		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	110		ug/kg dry	36	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	290		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	270		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	410		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	170	J, QC-1	ug/kg dry	36	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	180		ug/kg dry	36	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	350		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1	ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	790		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	47		ug/kg dry	36	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	180		ug/kg dry	36	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	21		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	630		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
129-00-0	Pyrene	550		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268B-CS18"

Lab ID: C142901-07

MD No: 87K2 CHEM

Station ID: CV0268

Matrix: Subsurface Soil

D No: 87K2 SHEALY

Date Collected: 7/7/14 14:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	10		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.82	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.5	U	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.53	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.5	U	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	4.1		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	3.6		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	5.1		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	2.7	J, QC-1, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	1.7	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	5.3		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.5	U	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	5.1		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.5	U	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	1.0	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	2.3	J, CLP01	ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	5.5		ug/kg dry	3.5	7/15/14	7/17/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268B-CS24"

Lab ID: C142901-08

MD No: 87K3 CHEM

Station ID: CV0268

Matrix: Subsurface Soil

D No: 87K3 SHEALY

Date Collected: 7/7/14 14:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	2.6	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.0	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.2	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.6	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	32		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	19		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	27		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	6.1	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	9.5		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	34		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	48		ug/kg dry	7.3	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	6.8	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	2.2	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	17		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	42		ug/kg dry	7.3	7/15/14	7/17/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0268B-CS6"

Lab ID: C142901-09

MD No: 87K0 CHEM

Station ID: CV0268

Matrix: Surface Soil

D No: 87K0 SHEALY

Date Collected: 7/7/14 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	17		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.3	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	14	J, QC-2	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	20	J, QC-2	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	160		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	160		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	240		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	33	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	80		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	190		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	210		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	34	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	11		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	100		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	200		ug/kg dry	37	7/15/14	7/17/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307A-CS12"

Lab ID: C142901-10

MD No: 87L0 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L0 SHEALY

Date Collected: 7/8/14 9:05

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	18		%		7/15/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	10		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.4	J, CLP01	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.2	J, CLP01, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	6.5	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	57		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	66		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	120		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	16	J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	33	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	92		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.0	U, J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	53		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	18	J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.4		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	26		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	50		ug/kg dry	20	7/15/14	7/21/14	CLP SOM01.2 BS



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307A-CS18"

Lab ID: C142901-11

MD No: 87L1 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L1 SHEALY

Date Collected: 7/8/14 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	21		%		7/15/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	18		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.3	J, CLP01	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.9	J, CLP01, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.7	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	30	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	27	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	46		ug/kg dry	8.1	7/15/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	8.6	J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	15	J, QC-2	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	42		ug/kg dry	8.1	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.0	U, J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	36		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	7.3	J, QC-1	ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	10		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	27		ug/kg dry	4.0	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	38		ug/kg dry	8.1	7/15/14	7/21/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307A-CS24"

Lab ID: C142901-12

MD No: 87L2 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L2 SHEALY

Date Collected: 7/8/14 9:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	16		%		7/15/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.3	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.74	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.8	U	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	0.70	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	4.8		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	5.8		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	8.7		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.9	J, QC-1	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	2.5	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	6.6		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	4.8		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.6	J, QC-1	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	1.3	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3.1	J, CLP01	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	5.1		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307A-CS6"

Lab ID: C142901-13

MD No: 87K9 CHEM

Station ID: CV0307

Matrix: Surface Soil

D No: 87K9 SHEALY

Date Collected: 7/8/14 8:55

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	19		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	10		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	7.7	J, QC-2	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	32	J, QC-2	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	560		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1100		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	2100		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	640		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	650		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
218-01-9	Chrysene	810		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1	ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	540		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	10		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	650		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
91-20-3	Naphthalene	13		ug/kg dry	3.8	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	220		ug/kg dry	38	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	470	J, QM-3	ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307B-CS12"

Lab ID: C142901-14

MD No: 87L4 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L4 SHEALY

Date Collected: 7/8/14 9:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	20		%		7/15/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	30		ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	12		ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	15	J, QC-2	ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	39	J, QC-2	ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	170		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	170		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	290		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	26	J, QC-1	ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	92		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	220		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.1	U, J, QC-1	ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	220		ug/kg dry	210	7/15/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	13		ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	31	J, QC-1	ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	22		ug/kg dry	4.1	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	190		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	240		ug/kg dry	41	7/15/14	7/21/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307B-CS18"

Lab ID: C142901-15

MD No: 87L5 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L5 SHEALY

Date Collected: 7/8/14 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	17		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	2.8	J, CLP01	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.7	J, CLP01	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	2.7	J, CLP01	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	15		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	14		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	19		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.3	J, QC-1	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	6.4		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	20		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	21		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.7	J, QC-1	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	12		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	22		ug/kg dry	3.9	7/16/14	7/21/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307B-CS24"

Lab ID: C142901-16

MD No: 87L6 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L6 SHEALY

Date Collected: 7/8/14 10:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	17		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	9.1		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.5	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	14		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	17		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	87		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	100		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	180		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	33	J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	59		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	110		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	130		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	38	J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.8		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	34		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	110		ug/kg dry	20	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307B-CS6"

Lab ID: C142901-17

MD No: 87L3 CHEM

Station ID: CV0307

Matrix: Surface Soil

D No: 87L3 SHEALY

Date Collected: 7/8/14 9:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		7/15/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	67		ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	17		ug/kg dry	4.2	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	55		ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	94		ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	330		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	390		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	830	J, QC-2	ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	150	J, QC-1	ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	300		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
218-01-9	Chrysene	490		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.2	U, J, QC-1	ug/kg dry	4.2	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	700		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	20		ug/kg dry	4.2	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	160	J, QC-1	ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	50		ug/kg dry	21	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	260		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B
129-00-0	Pyrene	620		ug/kg dry	220	7/15/14	7/17/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307C-CS12"

Lab ID: C142901-18

MD No: 87L8 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L8 SHEALY

Date Collected: 7/8/14 10:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	20		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	22		ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.9		ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	59		ug/kg dry	41	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	34		ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	310		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	360		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	870	I, QC-2	ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	320		ug/kg dry	41	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	270		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
218-01-9	Chrysene	450		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.1	U, J, QC-1, QI-1	ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	630		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	10		ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	340		ug/kg dry	41	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	15		ug/kg dry	4.1	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	260		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B
129-00-0	Pyrene	490		ug/kg dry	210	7/16/14	7/17/14	CLP SOM01.2 B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307C-CS18"

Lab ID: C142901-19

MD No: 87L9 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87L9 SHEALY

Date Collected: 7/8/14 10:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	20		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.9		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.0	J, CLP01	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.7		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.9		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	32		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	27		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	35		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	14		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	11		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	39		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.0	U	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	47	J, CLP02	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	15		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	5.3		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	32		ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	47	J, CLP02	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307C-CS24"

Lab ID: C142901-20

MD No: 87M0 CHEM

Station ID: CV0307

Matrix: Subsurface Soil

D No: 87M0 SHEALY

Date Collected: 7/8/14 10:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	17		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.6	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.1	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	1.4	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	8.5		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.8		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	13		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.0		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.6	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.2		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	5.8		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0307C-CS6"

Lab ID: C142901-21

MD No: 87L7 CHEM

Station ID: CV0307

Matrix: Surface Soil

D No: 87L7 SHEALY

Date Collected: 7/8/14 10:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	25		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	31		ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	15		ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	29		ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	60		ug/kg dry	43	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	270		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	380		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	820	I, QC-2	ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	330		ug/kg dry	43	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	240		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
218-01-9	Chrysene	370		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.3	U, J, QC-1, QI-1	ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	420		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	17		ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	320		ug/kg dry	43	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	31		ug/kg dry	4.3	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	260		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B
129-00-0	Pyrene	410		ug/kg dry	220	7/16/14	7/17/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0502A-CS12"

Lab ID: C142901-22

MD No: 87K5 CHEM

Station ID: CV0502

Matrix: Subsurface Soil

D No: 87K5 SHEALY

Date Collected: 7/7/14 16:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.8		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.2	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.9	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.1	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	30		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	31		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	54		ug/kg dry	7.4	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	15	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	15		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	39		ug/kg dry	7.4	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	36		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	16	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.1		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	17		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	35		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV0502A-CS18"****Lab ID: C142901-23****MD No: 87K7 CHEM****Station ID: CV0502****Matrix: Subsurface Soil****D No: 87K7 SHEALY****Date Collected: 7/7/14 16:20**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.68	J, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	4.3		ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	4.8		ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	7.0		ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	3.7	J, QC-1, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	2.3	J, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	5.3		ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	3.8	J, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	3.4	J, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.0	U	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	1.8	J, CLP01	ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	4.4		ug/kg dry	4.0	7/15/14	7/17/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0502A-CS24"

Lab ID: C142901-24

MD No: 87K8 CHEM

Station ID: CV0502

Matrix: Subsurface Soil

D No: 87K8 SHEALY

Date Collected: 7/7/14 16:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.71	J, CLP01	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	5.9		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	6.7		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	9.9		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.3	J, QC-1	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.1	J, CLP01	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
218-01-9	Chrysene	7.4		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	5.0		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.9		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	2.2	J, CLP01	ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS
129-00-0	Pyrene	5.7		ug/kg dry	3.9	7/15/14	7/17/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0502A-CS6"

Lab ID: C142901-25

MD No: 87K4 CHEM

Station ID: CV0502

Matrix: Surface Soil

D No: 87K4 SHEALY

Date Collected: 7/7/14 16:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	46		ug/kg dry	18	7/15/14	7/17/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	14		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	20	J, QC-2	ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	61		ug/kg dry	18	7/15/14	7/17/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	340		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	450		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	810		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	310		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	260		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
218-01-9	Chrysene	440		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1	ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	510		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	15		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	300		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
91-20-3	Naphthalene	32		ug/kg dry	3.6	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	260		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B
129-00-0	Pyrene	440		ug/kg dry	190	7/15/14	7/16/14	CLP SOM01.2 B



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0502A-CSD12"

Lab ID: C142901-26

MD No: 87K6 CHEM

Station ID: CV0502

Matrix: Subsurface Soil

D No: 87K6 SHEALY

Date Collected: 7/7/14 16:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/15/14	7/16/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.0		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.88	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.7	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
120-12-7	Anthracene	2.5	J, CLP01	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	29		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	31		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	49		ug/kg dry	7.4	7/15/14	7/17/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	14	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	14		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
218-01-9	Chrysene	37		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	32		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	16	J, QC-1	ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.2		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	16		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS
129-00-0	Pyrene	33		ug/kg dry	3.7	7/15/14	7/21/14	CLP SOM01.2 BS



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0555B-CS12"

Lab ID: C142901-27

MD No: 87R3 CHEM

Station ID: CV0555

Matrix: Subsurface Soil

D No: 87R3 SHEALY

Date Collected: 7/9/14 17:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	8.4		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.5	J, CLP01	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	7.6		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	13		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	91		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	100		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	170		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	74	J, QC-1	ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	58		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	100		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	140		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	61		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	6.5		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	79		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	120		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0555B-CS18"

Lab ID: C142901-28

MD No: 87R4 CHEM

Station ID: CV0555

Matrix: Subsurface Soil

D No: 87R4 SHEALY

Date Collected: 7/9/14 17:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.6		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.85	J, CLP01	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.2	J, CLP01	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	19		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	15		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	24		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	9.3	J, QC-1	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	6.9		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	22		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	23		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.8		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	13		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	26		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0555B-CS24"

Lab ID: C142901-29

MD No: 87R5 CHEM

Station ID: CV0555

Matrix: Subsurface Soil

D No: 87R5 SHEALY

Date Collected: 7/9/14 17:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.60	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	1.6	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	1.4	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	2.4	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	1.1	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	0.67	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	1.9	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenz(a,h)anthracene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	2.3	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	0.98	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	2.8	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0555B-CS6"

Lab ID: C142901-30

MD No: 87R2 CHEM

Station ID: CV0555

Matrix: Surface Soil

D No: 87R2 SHEALY

Date Collected: 7/9/14 16:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	17		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	17		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	23		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	68		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	580		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	640	J, QI-1	ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1300	J, QI-1	ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	290	J, QC-1	ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	280		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	650		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	940		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
86-73-7	Fluorene	15		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	280		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	15		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	370		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
129-00-0	Pyrene	710		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0590A-CS12"

Lab ID: C142901-32

MD No: 87R8 CHEM

Station ID: CV0590

Matrix: Subsurface Soil

D No: 87R8 SHEALY

Date Collected: 7/9/14 18:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	140		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	180		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	200		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
120-12-7	Anthracene	490		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	1400		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1200		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	2400		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	270		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	780		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
218-01-9	Chrysene	1400		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	3800		ug/kg dry	380	7/17/14	7/20/14	CLP SOM01.2 B
86-73-7	Fluorene	190		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	340		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
91-20-3	Naphthalene	180		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	2500		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B
129-00-0	Pyrene	2200		ug/kg dry	190	7/17/14	7/20/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0590A-CS18"

Lab ID: C142901-33

MD No: 87R9 CHEM

Station ID: CV0590

Matrix: Subsurface Soil

D No: 87R9 SHEALY

Date Collected: 7/9/14 18:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	15		ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	32		ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	190		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	280		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	1400		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1400		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	2800	J, QC-2	ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	330	J, QC-1, QC-2	ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	890		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
218-01-9	Chrysene	1300		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	2700		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
86-73-7	Fluorene	65		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	390	J, QC-1, QC-2	ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
91-20-3	Naphthalene	20		ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	1400		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
129-00-0	Pyrene	2000		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B



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980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0590A-CS24"

Lab ID: C142901-34

MD No: 87S0 CHEM

Station ID: CV0590

Matrix: Subsurface Soil

D No: 87S0 SHEALY

Date Collected: 7/9/14 18:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.6		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	15		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	88		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	130		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	610		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	590		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	950		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	350		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	310		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
218-01-9	Chrysene	610		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1200		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
86-73-7	Fluorene	26		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	350		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	9.6		ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	640		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
129-00-0	Pyrene	850		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV0590A-CS6"****Lab ID: C142901-35****MD No: 87R7 CHEM****Station ID: CV0590****Matrix: Surface Soil****D No: 87R7 SHEALY****Date Collected: 7/9/14 17:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	70		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	180		ug/kg dry	37	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	240		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
120-12-7	Anthracene	630		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	1900		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1600		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	2400		ug/kg dry	380	7/17/14	7/20/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	320	J, QC-1, QC-2	ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1100		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
218-01-9	Chrysene	1800		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	4600		ug/kg dry	380	7/17/14	7/20/14	CLP SOM01.2 B
86-73-7	Fluorene	240		ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	380	J, QC-1, QC-2	ug/kg dry	190	7/17/14	7/19/14	CLP SOM01.2 B
91-20-3	Naphthalene	29		ug/kg dry	3.7	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3600		ug/kg dry	380	7/17/14	7/20/14	CLP SOM01.2 B
129-00-0	Pyrene	3000		ug/kg dry	380	7/17/14	7/20/14	CLP SOM01.2 B



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0590A-CSD24"

Lab ID: C142901-36

MD No: 87S1 CHEM

Station ID: CV0590

Matrix: Subsurface Soil

D No: 87S1 SHEALY

Date Collected: 7/9/14 18:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.2		ug/kg dry	3.9	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	19		ug/kg dry	3.9	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	100		ug/kg dry	39	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	150		ug/kg dry	39	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	680		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	650		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1100		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	440	J, QC-2	ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	330		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
218-01-9	Chrysene	670		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1, QI-1	ug/kg dry	3.9	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1300		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
86-73-7	Fluorene	34		ug/kg dry	3.9	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	410	J, QC-2	ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
91-20-3	Naphthalene	7.8		ug/kg dry	3.9	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	660		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B
129-00-0	Pyrene	930		ug/kg dry	200	7/17/14	7/20/14	CLP SOM01.2 B



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837A-CS12"

Lab ID: C142901-37

MD No: 87M2 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M2 SHEALY

Date Collected: 7/8/14 13:55

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	25		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	11		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	16		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	28		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	200		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	210		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	310		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	170		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	110		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	190		ug/kg dry	190	7/16/14	7/17/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1, QI-1	ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	230		ug/kg dry	190	7/16/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	9.6		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	130		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	21		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	180		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	200		ug/kg dry	190	7/16/14	7/17/14	CLP SOM01.2 B



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837A-CS18"

Lab ID: C142901-38

MD No: 87M3 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M3 SHEALY

Date Collected: 7/8/14 14:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.6		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	9.9		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.5	J, CLP01	ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	7.1		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	12		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	100		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	110		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	180		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	88		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	65		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	130		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1, QI-1	ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	160		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	5.0		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	69		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	9.2		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	97		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	110		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837A-CS24"

Lab ID: C142901-39

MD No: 87M4 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M4 SHEALY

Date Collected: 7/8/14 14:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	5.6		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.0	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	11		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	53		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	48		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	63		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	31		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	24		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	58		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	100		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	6.0		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	29		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.9		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	77		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	69		ug/kg dry	19	7/16/14	7/22/14	CLP SOM01.2 BS



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837A-CS6"

Lab ID: C142901-40

MD No: 87M1 CHEM

Station ID: CV0837

Matrix: Surface Soil

D No: 87M1 SHEALY

Date Collected: 7/8/14 13:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	50		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	7.8		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	20		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	29		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	190		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	200		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	300		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	130		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	110		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	230		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1, QI-1	ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	250		ug/kg dry	190	7/16/14	7/17/14	CLP SOM01.2 B
86-73-7	Fluorene	9.5		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	120		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	26		ug/kg dry	3.6	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	200		ug/kg dry	36	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	200		ug/kg dry	190	7/16/14	7/17/14	CLP SOM01.2 B



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837A-CSD18"

Lab ID: C142901-41

MD No: 87M5 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M5 SHEALY

Date Collected: 7/8/14 14:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	6.0		%		7/16/14	7/17/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.8		ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.0	J, CLP01	ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.6	J, CLP01	ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.8		ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	39		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	43		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	67		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	52	J, QC-1	ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	23		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
218-01-9	Chrysene	47		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.4	U, J, QC-1, QI-1	ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	51		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.4	U	ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	34		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.5		ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	22		ug/kg dry	3.4	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	40		ug/kg dry	17	7/16/14	7/18/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV0837B-CS12"****Lab ID: C142901-42****MD No: 87M7 CHEM****Station ID: CV0837****Matrix: Subsurface Soil****D No: 87M7 SHEALY****Date Collected: 7/8/14 14:40**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	72		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	340		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
208-96-8	Acenaphthylene	78		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
120-12-7	Anthracene	490		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	1600		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1900		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	3700		ug/kg dry	400	7/16/14	7/16/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	620	J, QC-1, QC-2	ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	920		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	1700		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	4000		ug/kg dry	400	7/16/14	7/16/14	CLP SOM01.2 B
86-73-7	Fluorene	240		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	660		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
91-20-3	Naphthalene	210		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	2400		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	2700		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837B-CS18"

Lab ID: C142901-43

MD No: 87M8 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M8 SHEALY

Date Collected: 7/8/14 14:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	17		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	19	J, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	110		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	17		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	200		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	550		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	580		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	860		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	320	J, QC-1, QC-2	ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	280		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	570		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1300		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	84		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	320		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
91-20-3	Naphthalene	56		ug/kg dry	39	7/16/14	7/18/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	860		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	990		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837B-CS24"

Lab ID: C142901-44

MD No: 87M9 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87M9 SHEALY

Date Collected: 7/8/14 15:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	34	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	190		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.6	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	200		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	500		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	490		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	700		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	300	J, QC-1	ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	240		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	510		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1200		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	100		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	280		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
91-20-3	Naphthalene	170		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	920		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	890		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837B-CS6"

Lab ID: C142901-45

MD No: 87M6 CHEM

Station ID: CV0837

Matrix: Surface Soil

D No: 87M6 SHEALY

Date Collected: 7/8/14 14:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	20		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	50		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	27		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	85		ug/kg dry	18	7/16/14	7/18/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	310		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	350		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	580		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	270	J, QC-1, QC-2	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	210		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	360		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QC-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	610		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	30		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	250		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
91-20-3	Naphthalene	26		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	380		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	490		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837B-CSD24"

Lab ID: C142901-46

MD No: 87N0 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87N0 SHEALY

Date Collected: 7/8/14 15:05

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.4	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	20	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.0	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	29	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	170		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	170		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	220		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	110	J, QC-1	ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	87		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
218-01-9	Chrysene	160		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	250		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	12	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	110		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
91-20-3	Naphthalene	11	J, QI-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	180		ug/kg dry	37	7/16/14	7/18/14	CLP SOM01.2 BS
129-00-0	Pyrene	190		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837D-CS12"

Lab ID: C142901-47

MD No: 87N2 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87N2 SHEALY

Date Collected: 7/8/14 16:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	17	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	5.9	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	23	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	27	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	180		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	220		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	320		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	150	J, QC-1	ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	100		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
218-01-9	Chrysene	200		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	210		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	6.8	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	110		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
91-20-3	Naphthalene	11	J, QI-1	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	140		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS
129-00-0	Pyrene	220		ug/kg dry	38	7/16/14	7/18/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837D-CS18"

Lab ID: C142901-48

MD No: 87N3 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87N3 SHEALY

Date Collected: 7/8/14 16:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.7	U	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.2	J, CLP01	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.1	J, CLP01	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
120-12-7	Anthracene	4.0		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	24		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	22		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	27		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	11	J, QC-1	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	9.3		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	25		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	35		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	10		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	19		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	34		ug/kg dry	3.7	7/16/14	7/19/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV0837D-CS24"

Lab ID: C142901-49

MD No: 87N4 CHEM

Station ID: CV0837

Matrix: Subsurface Soil

D No: 87N4 SHEALY

Date Collected: 7/8/14 16:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	19		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9	U	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.2	J, CLP01	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
120-12-7	Anthracene	1.4	J, CLP01	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	8.4		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	8.2		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	12		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.4	J, QC-1	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.6	J, CLP01	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	12		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	10		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.0		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	4.7		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	8.8		ug/kg dry	3.9	7/16/14	7/19/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV0837D-CS6"****Lab ID: C142901-50****MD No: 87N1 CHEM****Station ID: CV0837****Matrix: Surface Soil****D No: 87N1 SHEALY****Date Collected: 7/8/14 16:05**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	17		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	57		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	27		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	53		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
120-12-7	Anthracene	88		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	310		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	390		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	700		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	180	J, QC-1	ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	260		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	380		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.0	U, J, QC-1, QI-1	ug/kg dry	4.0	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	590		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	28		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	180		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
91-20-3	Naphthalene	51		ug/kg dry	20	7/16/14	7/18/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	340		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	500		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067A-CS12"

Lab ID: C142901-51

MD No: 87N7 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87N7 SHEALY

Date Collected: 7/9/14 9:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.3		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.5	J, CLP01	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	3.6	J, CLP01	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	5.5	J, QC-2	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	41		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	38		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	49		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	17	J, QC-1	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	22	J, QC-2	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
218-01-9	Chrysene	46		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	62		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	18	J, QC-1	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.5		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	31		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
129-00-0	Pyrene	54		ug/kg dry	7.5	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067A-CS18"

Lab ID: C142901-52

MD No: 87N8 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87N8 SHEALY

Date Collected: 7/9/14 9:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.2		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.60	J, CLP01	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.9	J, CLP01	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	2.5	J, CLP01	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	18		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	16		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	22		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	7.6	J, QC-1	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	7.7		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	23		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	25		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	7.6		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	13		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	24		ug/kg dry	3.7	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067A-CS24"

Lab ID: C142901-53

MD No: 87N9 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87N9 SHEALY

Date Collected: 7/9/14 9:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	15		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.46	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	0.69	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	3.2	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	2.7	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	5.1		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	1.5	J, QC-1, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	1.6	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	4.4		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	4.6		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	1.6	J, CLP01	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3.8	U	ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	4.6		ug/kg dry	3.8	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067A-CS6"

Lab ID: C142901-54

MD No: 87N6 CHEM

Station ID: CV1067

Matrix: Surface Soil

D No: 87N6 SHEALY

Date Collected: 7/9/14 9:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	12		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	19		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	5.3		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	12		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	18	J, QC-2	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	170		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	160		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	210		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	110	J, QC-1	ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	85		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	190		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	280		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	5.1		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	100		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	13		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	140		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	210		ug/kg dry	37	7/16/14	7/22/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067A-CSD6"

Lab ID: C142901-55

MD No: 87P0 CHEM

Station ID: CV1067

Matrix: Surface Soil

D No: 87P0 SHEALY

Date Collected: 7/9/14 9:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	11		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	20		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.9		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	12		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	15	J, QC-2	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	130		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	130		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	200		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	32	J, QC-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	59		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	150		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	210		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.8		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	33	J, QC-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	13		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	110		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	170		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS



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Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067B-CS12"

Lab ID: C142901-56

MD No: 87P3 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87P3 SHEALY

Date Collected: 7/9/14 9:55

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	26		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	29		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	37		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	8.9		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	90		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	460		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	440		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	840	J, QC-2	ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	260	J, QC-1	ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	260		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	590		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.3	U, J, QC-1	ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1100		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	17		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	260	J, QC-1	ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	22		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	820		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	860		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067B-CS18"

Lab ID: C142901-57

MD No: 87P4 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87P4 SHEALY

Date Collected: 7/9/14 10:05

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	25		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	160		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	240		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	97		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
120-12-7	Anthracene	490		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	830		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	730		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1400	J, QC-2	ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	280	J, QC-1	ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	440		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	830		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.3	U, J, QC-1, QI-1	ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	2300		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	270		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	280	J, QC-1	ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	350		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
85-01-8	Phenanthrene	2400		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	1800		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067B-CS24"

Lab ID: C142901-58

MD No: 87P5 CHEM

Station ID: CV1067

Matrix: Subsurface Soil

D No: 87P5 SHEALY

Date Collected: 7/9/14 10:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	29		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.6	U	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.8	J, CLP01	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.8	J, CLP01	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	8.7	J, QC-2	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	43		ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	45	J, QI-1	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	68		ug/kg dry	23	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	14	J, QI-1, QC-1	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	26	J, QI-1, QC-2	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
218-01-9	Chrysene	52		ug/kg dry	23	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.6	U, J, QI-1, QC-1	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	87		ug/kg dry	23	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.6	U	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.8	J, QI-1, QC-1	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.6	U	ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	41		ug/kg dry	4.6	7/16/14	7/23/14	CLP SOM01.2 BS
129-00-0	Pyrene	75		ug/kg dry	23	7/16/14	7/19/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067B-CS6"

Lab ID: C142901-59

MD No: 87P1 CHEM

Station ID: CV1067

Matrix: Surface Soil

D No: 87P1 SHEALY

Date Collected: 7/9/14 9:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	69		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	6.0		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	18		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	28	J, QC-2	ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	300		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	290		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	410		ug/kg dry	220	7/16/14	7/21/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	42	J, QC-1	ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	150		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	270		ug/kg dry	220	7/16/14	7/21/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	4.3	U, J, QC-1	ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	370		ug/kg dry	220	7/16/14	7/21/14	CLP SOM01.2 B
86-73-7	Fluorene	4.8		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	150	J, QC-1	ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	32		ug/kg dry	4.3	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	230		ug/kg dry	43	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	320		ug/kg dry	220	7/16/14	7/21/14	CLP SOM01.2 B



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1067B-CSD6"

Lab ID: C142901-60

MD No: 87P2 CHEM

Station ID: CV1067

Matrix: Surface Soil

D No: 87P2 SHEALY

Date Collected: 7/9/14 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	80		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	6.6		ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	12		ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	27	J, QC-2	ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	230		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	240		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	340		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	35	J, QC-1	ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	95		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	290		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	4.2	U, J, QC-1	ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	260		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	6.3		ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	37	J, QC-1	ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	35		ug/kg dry	4.2	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	230		ug/kg dry	42	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	240		ug/kg dry	220	7/16/14	7/18/14	CLP SOM01.2 B



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Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357A-CS12"

Lab ID: C142901-61

MD No: 87P7 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87P7 SHEALY

Date Collected: 7/9/14 11:25

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	30		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	24		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	17		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	60		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	240		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	280		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	540	J, QC-2	ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	83	J, QC-1	ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	150		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	300		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	490		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
86-73-7	Fluorene	21		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	94	J, QC-1	ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	24		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	310		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B
129-00-0	Pyrene	410		ug/kg dry	190	7/16/14	7/21/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357A-CS18"

Lab ID: C142901-62

MD No: 87P8 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87P8 SHEALY

Date Collected: 7/9/14 11:35

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	9.0		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	10		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	28		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	29	J, QC-2	ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	200		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	740	J, QI-1	ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	760	J, QC-2, QI-1	ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	340	J, QC-1	ug/kg dry	38	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	180		ug/kg dry	38	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	290		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	J, QC-1	ug/kg dry	38	7/16/14	7/19/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	280		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	7.9		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	190	J, QC-1	ug/kg dry	38	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	7.8		ug/kg dry	3.8	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	130		ug/kg dry	38	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	440		ug/kg dry	200	7/16/14	7/18/14	CLP SOM01.2 B



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357A-CS24"

Lab ID: C142901-63

MD No: 87P9 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87P9 SHEALY

Date Collected: 7/9/14 11:45

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.76	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.68	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	1.4	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	8.5		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.6		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	4.9	J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.7	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	9.4		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	13		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.3		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	5.9		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357A-CS6"

Lab ID: C142901-64

MD No: 87P6 CHEM

Station ID: CV1357

Matrix: Surface Soil

D No: 87P6 SHEALY

Date Collected: 7/9/14 11:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	15		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	90		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	92		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	32	J, CLP01	ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	130		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	470		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	520		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1000	J, QC-2	ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	310	J, QC-1	ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	330		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
218-01-9	Chrysene	550		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1	ug/kg dry	3.8	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	940		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
86-73-7	Fluorene	55		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	300		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	110		ug/kg dry	38	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	550		ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B
129-00-0	Pyrene	730	J, QM-3, QM-6	ug/kg dry	200	7/17/14	7/19/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357B-CS12"

Lab ID: C142901-65

MD No: 87Q1 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87Q1 SHEALY

Date Collected: 7/9/14 12:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	4.4		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.3	J, CLP01	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.1	J, CLP01	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	11	J, QC-2	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	73		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	65		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	98		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	7.6	J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	35	J, QC-2, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
218-01-9	Chrysene	72		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	150		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	4.4		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	8.5	J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	82		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	110		ug/kg dry	19	7/16/14	7/19/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV1357B-CS24"

Lab ID: C142901-66

MD No: 87Q3 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87Q3 SHEALY

Date Collected: 7/9/14 12:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		7/16/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	0.74	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	0.43	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	1.6	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	7.5		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.0		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	8.7		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	4.3	J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.0		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
218-01-9	Chrysene	8.5		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	12		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	3.7	J, CLP01	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.9	U	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	7.5		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
129-00-0	Pyrene	11		ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 14-0356

Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site**Contract Lab Case: 44501****Sample ID: CV1357B-CS6"****Lab ID: C142901-67****MD No: 87Q0 CHEM****Station ID: CV1357****Matrix: Surface Soil****D No: 87Q0 SHEALY****Date Collected: 7/9/14 11:50**

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	11		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	61		ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	110		ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	23		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	170	J, CLP01	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	590		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	660	J, QI-1	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1300	J, QC-2, QI-1	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	150	J, QC-1	ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	400	J, QI-1	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
218-01-9	Chrysene	670		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	1400		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
86-73-7	Fluorene	74		ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	170	J, QC-1	ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
91-20-3	Naphthalene	96		ug/kg dry	18	7/16/14	7/19/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	960		ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B
129-00-0	Pyrene	1300	J, QM-1, QM-3	ug/kg dry	190	7/16/14	7/18/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: CV135B-CS18"

Lab ID: C142901-68

MD No: 87Q2 CHEM

Station ID: CV1357

Matrix: Subsurface Soil

D No: 87Q2 SHEALY

Date Collected: 7/9/14 12:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/16/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	6.3		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	8.9		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	5.6		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	21	J, QC-2	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	110		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	130		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	170		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	24	J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	56		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
218-01-9	Chrysene	110		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U, J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	180		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
86-73-7	Fluorene	6.1		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	23	J, QC-1, QI-1	ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	7.2		ug/kg dry	3.7	7/16/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	100		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS
129-00-0	Pyrene	130		ug/kg dry	37	7/16/14	7/19/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237A-CS12"

Lab ID: C142901-69

MD No: 87Q5 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87Q5 SHEALY

Date Collected: 7/9/14 15:10

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.3		%		7/17/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	8.8		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	1.6	J, CLP01	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	7.6		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	6.6		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	46		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	51		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	91		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	28	J, QC-1	ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	37		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	51		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1, QI-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	71		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	29		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	4.5		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	31		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
129-00-0	Pyrene	57		ug/kg dry	18	7/17/14	7/20/14	CLP SOM01.2 BS



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D.A.R.T. Id: 14-0356
Project: 14-0356, 35th Avenue Site - Reported by Nancy Seabolt

Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237A-CS18"

Lab ID: C142901-70

MD No: 87Q6 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87Q6 SHEALY

Date Collected: 7/9/14 15:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	12		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.4	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.5	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	8.5		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.6		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	12		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.2		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	4.1		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	9.9		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	8.3		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.9		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	4.0		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	9.3		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237A-CS24"

Lab ID: C142901-71

MD No: 87Q7 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87Q7 SHEALY

Date Collected: 7/9/14 15:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	14		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	0.97	J, CLP01	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	1.5	J, CLP01	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	6.6		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	7.4		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	13		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.0		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	3.8		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	8.2		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	6.6		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	4.9		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	3.7	U	ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	7.8		ug/kg dry	3.7	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237A-CS6"

Lab ID: C142901-72

MD No: 87Q4 CHEM

Station ID: HP0237

Matrix: Surface Soil

D No: 87Q4 SHEALY

Date Collected: 7/9/14 15:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	8.6		%		7/17/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	16		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.9	J, CLP01	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	22	J, CLP01	ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	30	J, QC-2	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	200		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	260		ug/kg dry	180	7/17/14	7/21/14	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	560		ug/kg dry	180	7/17/14	7/21/14	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	150	J, QC-1	ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	160		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	220		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QI-1, QC-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	190		ug/kg dry	180	7/17/14	7/21/14	CLP SOM01.2 B
86-73-7	Fluorene	3.7		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	150		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	14		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	83		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	210		ug/kg dry	180	7/17/14	7/21/14	CLP SOM01.2 B



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237B-CS12"

Lab ID: C142901-73

MD No: 87Q9 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87Q9 SHEALY

Date Collected: 7/9/14 15:40

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.5		%		7/17/14	7/21/14	CLP BNA
91-57-6	2-Methylnaphthalene	15		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.6	U	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.0		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	5.0		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	21		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	21		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	37		ug/kg dry	7.3	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	5.3	J, QC-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	14	J, QC-2	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
218-01-9	Chrysene	35		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	27		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	5.7	J, QC-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
91-20-3	Naphthalene	8.5		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	17		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
129-00-0	Pyrene	30	J, QC-2	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237B-CS18"

Lab ID: C142901-74

MD No: 87R0 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87R0 SHEALY

Date Collected: 7/9/14 15:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	16		%		7/16/14	7/18/14	CLP BNA
91-57-6	2-Methylnaphthalene	31		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.2	J, CLP01, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	4.7	J, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
120-12-7	Anthracene	8.6		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	33		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	31		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	47		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	14	J, QC-1, QI-1	ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	16		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
218-01-9	Chrysene	57		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.9	U, J, QC-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	43		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.9	U, J, QI-1	ug/kg dry	3.9	7/16/14	7/22/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	14		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
91-20-3	Naphthalene	18		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	47		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS
129-00-0	Pyrene	41		ug/kg dry	7.8	7/16/14	7/18/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237B-CS24"

Lab ID: C142901-75

MD No: 87R1 CHEM

Station ID: HP0237

Matrix: Subsurface Soil

D No: 87R1 SHEALY

Date Collected: 7/9/14 16:00

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	13		%		7/17/14	7/20/14	CLP BNA
91-57-6	2-Methylnaphthalene	1.5	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	2.2	J, CLP01	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
120-12-7	Anthracene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	16		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	17		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	20		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	12	J, QC-1	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	6.8		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	22		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.8	U, J, QC-1	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	18		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	9.0		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	3.8	U	ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	6.3		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	27		ug/kg dry	3.8	7/17/14	7/20/14	CLP SOM01.2 BS



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Semi Volatile Organics

Project: 14-0356, 35th Avenue Site

Contract Lab Case: 44501

Sample ID: HP0237B-CS6"

Lab ID: C142901-76

MD No: 87Q8 CHEM

Station ID: HP0237

Matrix: Surface Soil

D No: 87Q8 SHEALY

Date Collected: 7/9/14 15:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
E1644012	% Moisture	9.7		%		7/17/14	7/19/14	CLP BNA
91-57-6	2-Methylnaphthalene	17		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
83-32-9	Acenaphthene	2.1	J, CLP01	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
208-96-8	Acenaphthylene	25		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
120-12-7	Anthracene	22		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
56-55-3	Benzo(a)anthracene	140		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
50-32-8	Benzo(a)pyrene	170		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
205-99-2	Benzo(b)fluoranthene	330		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
191-24-2	Benzo(g,h,i)perylene	110	J, QC-1	ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
207-08-9	Benzo(k)fluoranthene	100		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
218-01-9	Chrysene	170		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
53-70-3	Dibenzo(a,h)anthracene	3.6	U, J, QC-1	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
206-44-0	Fluoranthene	180		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
86-73-7	Fluorene	3.6	U	ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
193-39-5	Indeno (1,2,3-cd) pyrene	110		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
91-20-3	Naphthalene	12		ug/kg dry	3.6	7/17/14	7/23/14	CLP SOM01.2 BS
85-01-8	Phenanthrene	60		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS
129-00-0	Pyrene	190		ug/kg dry	36	7/17/14	7/20/14	CLP SOM01.2 BS